

Title: Method And System Reading Magnetic Memory

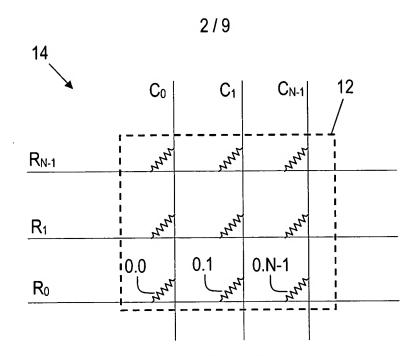


FIGURE 3

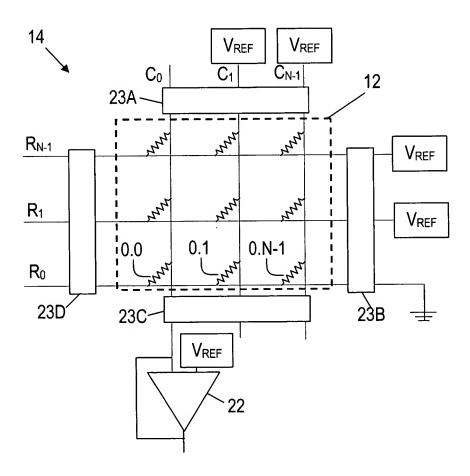


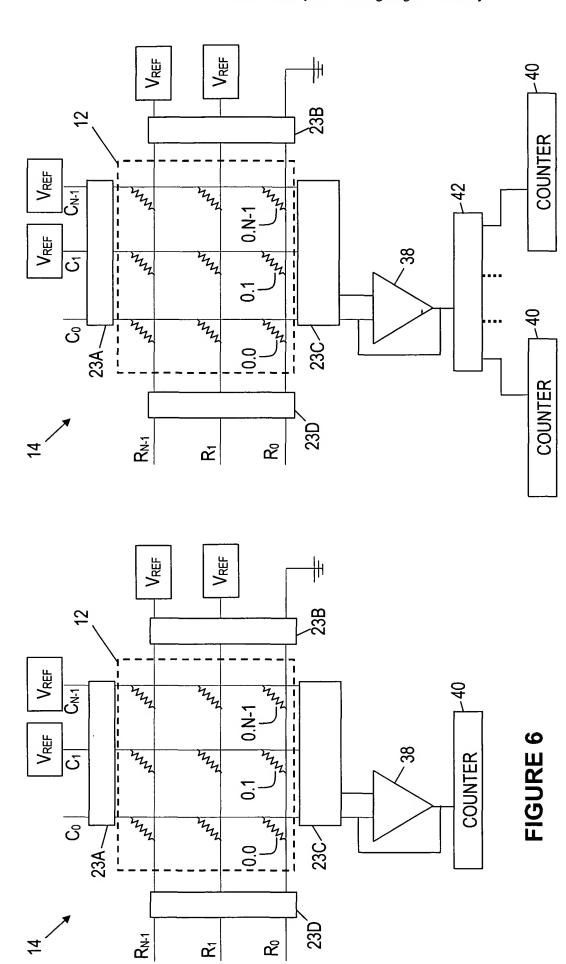
FIGURE 4

TIME

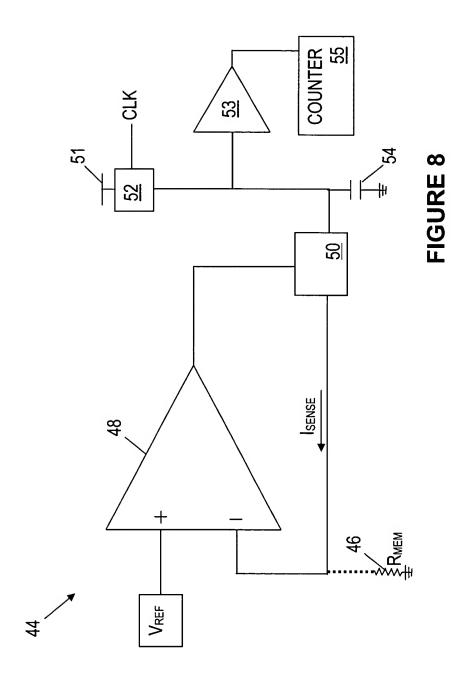
FIGURE 10

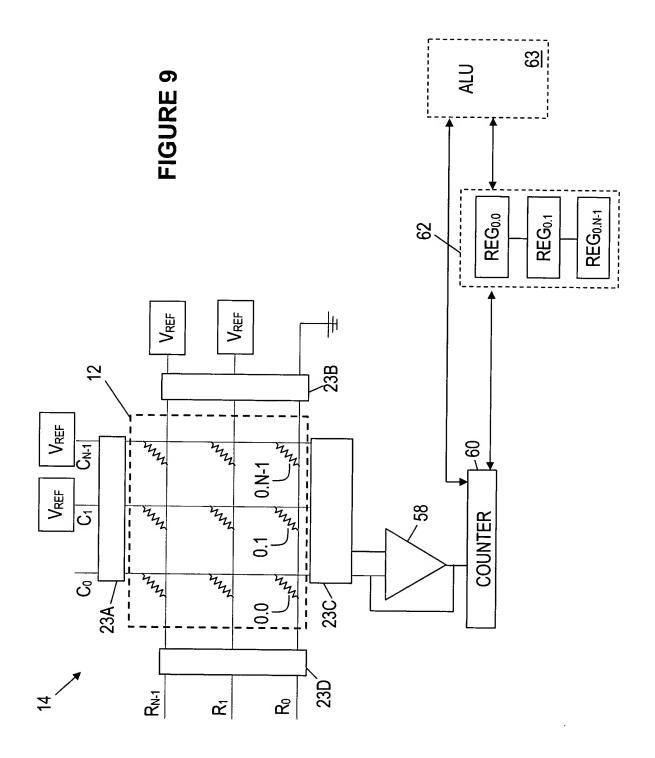
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FIGURE 7



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130	25	130 200	130 200	INC. COOM VALUE
LOW	HIGH			
FORCE	FORCE			MEMORY ELEMENT
0	L	X	X	DIGITAL STATE OF
				SAMPLE
-100	-130	130 130	130	DIGITAL COUNT FOR
4	3	2	1	SAMPLE #

				L
-30	02	200	100 200	NET COUNT VALUE
LOW	HIGH			
FORCE	FORCE			MEMORY ELEMENT
0	l	X	X	DIGITAL STATE OF
				SAMPLE
-100	-130	100	100	DIGITAL COUNT FOR
4	က	2		SAMPLE #

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SET ₁	-80	t _o
SENSE ₁	-81	•0
SENSE ₂	-82	
SENSE ₃	-83	
SENSE ₄	-84	
WRITE₁	-85	
WRITE ₂	-86	
SET ₂	87	
SENSE ₅	-88	
SENSE ₆	89	
WRITE ₃	-90	
WRITE ₄	-91	
SET ₃	92	
SENSE ₇	93	
SENSE ₈	94	 TIME
	•	V IIVIL

TIME PERIOD	81	82	88	93
DIGITAL COUNT	130	130	-130	-100
FOR SAMPLE				
DIGITAL STATE OF	X	X	1 FORCE	FORCE
MEMORY ELEMENT			HIGH†	LOW‡
NET COUNT VALUE	130	260	130	+30

REG 0.0

† WRITTEN DURING TIME PERIOD 85 ‡ WRITTEN DURING TIME PERIOD 90

FIGURE 12

TIME PERIOD	83	84	89	94
DIGITAL COUNT FOR	100	100	-130	-100
SAMPLE DIGITAL STATE OF MEMORY ELEMENT	X	X	1 FORCE HIGH [†]	0 FORCE LOW‡
NET COUNT VALUE	100	200	70	-30

REG 0.1

- † WRITTEN DURING TIME PERIOD 86
- **‡ WRITTEN DURING TIME PERIOD 91**

